

ABSTRACT OF THE DISCLOSURE

A controlled switch of the switched capacitance type is disclosed. In one embodiment the controlled switch comprises a control circuit for the switch, in a first phase the controlled circuit closes the controlled switch, in a second phase the control circuit opens the controlled switch, the controlled switch comprises a MOS transistor having a source and a substrate, characterized in that in the first phase the substrate is coupled to ground and in the second phase the substrate is coupled to the source.

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